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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/505,206

08/19/2004

Walter Holike

LZ-88PCT

5151

7590

09/30/2005

Friedrich Kueffner  
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317 Madison Avenue  
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EXAMINER

COLILLA, DANIEL JAMES

ART UNIT

PAPER NUMBER

2854

DATE MAILED: 09/30/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

10/505,206

Applicant(s)

HOLIKE, WALTER

Examiner

Daniel J. Colilla

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 19 August 2004.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-12 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-12 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 19 August 2004 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☒ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date <u>8/19/04</u> . | 6) <input type="checkbox"/> Other: _____  |

## DETAILED ACTION

### *Drawings*

1. The drawings are objected to as failing to comply with 37 CFR 1.84(p)(4) because reference character “28” has been used to designate both positioning openings and the housing and reference character “29” has been used for both attachment holes and the platen surfaces. Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either “Replacement Sheet” or “New Sheet” pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

### *Specification*

2. The disclosure is objected to because of the following informalities: reference numeral 28 has been used to indicate positioning openings in paragraph 26 and to indicate the housing in paragraph 27. Reference numeral 29 has been used to indicate the attachment holes in paragraph 26 and the platen surfaces in paragraph 27.

Appropriate correction is required.

*Claim Objections*

3. Claims 4-5 are objected to because of the following informalities:

In claim 4, line 7, “its takeoff wheel” have no antecedent basis in the claims.

In claim 9, lines 3-4, “the weighing platform” has no antecedent basis in the claims.

Appropriate correction is required.

4. Claim 9 is objected to under 37 CFR 1.75(c), as being of improper dependent form for failing to further limit the subject matter of a previous claim. Applicant is required to cancel the claim(s), or amend the claim(s) to place the claim(s) in proper dependent form, or rewrite the claim(s) in independent form. In claim 9, applicant has recited what environment the printer module is intended to be used in but has not recited any further structure of the actual printing module. It is noted that the shop scale is not considered as part of the claimed invention because applicant has only recited it in terms of a “for use” type statement in claim 1.

*Claim Rejections - 35 USC § 102*

5. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

6. Claims 1-6 and 8-12 are rejected under 35 U.S.C. 102(b) as being anticipated by Iida (JP 6-11382).

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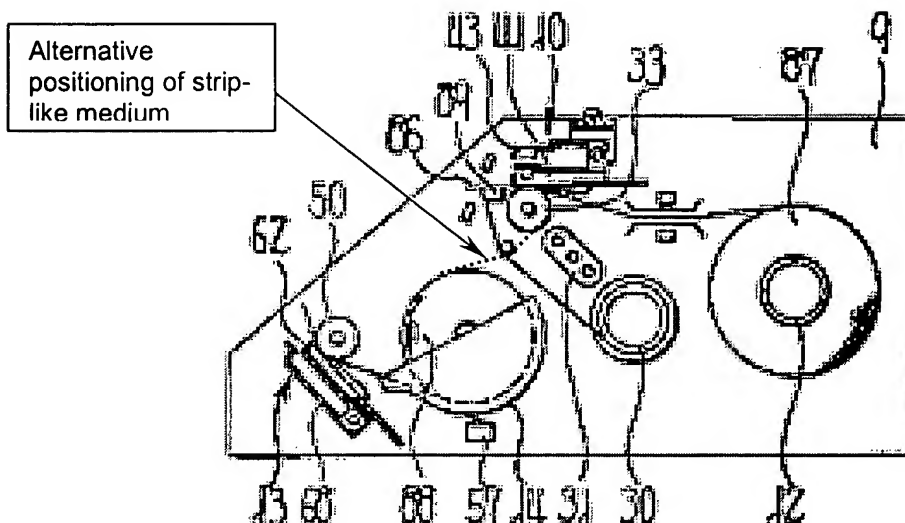
With respect to claim 1, Iida discloses a printer module with a base plate 9,20 which has a mounting area for a first unwinding bearing 12 which holds a first supply roll 87 of a strip-like medium and a mounting for a first printing mechanism which includes a transport roll 33, a rotary drive 38 and a print head 41 opposite the transport roll 33 as shown in Figure 5 of Iida. The base plate 9,20 further has a mounting area for a second unwinding bearing 14, a second supply roll 88 of a strip-like medium and a mounting area for a second printing mechanism which includes a transport roll 50, a rotary drive 58 and a printhead 62 opposite the transport roll 50 as shown in Figure 5 of Iida.

With respect to claim 2, Iida discloses a mounting area for a take-up spool 30 with a rotary drive 22 as shown in Figure 3 of Iida.

With respect to claim 3, the second unwinding bearing 14 is in a position from which the strip-like medium 88 can be guided optionally either to the first printing mechanism as shown below in the Figure taken from Figure 5 of Iida or to the second mechanism as shown in Figure 5.

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【 5 】



With respect to claim 4, the rotary drives disclosed by Iida are electric motors 38 and 58, each motor includes a takeoff shaft perpendicular to the base plate 9,20 (see Figures 3-4 of Iida), a gear assembly 34-37 and 59-61, a pinion 35 and 59 seated on the takeoff shaft of each motor, and a takeoff wheel 36 and 60 connected non-rotatably to the drive shafts of each respective transport roll 33 and 50 as shown in Figures 3-4 of Iida.

With respect to claim 5, the Figures of Iida show that the electric motors, unwinding bearings, printing mechanisms take-up pool are all arranged on one side of the base plate 9,20 whereas the gear assemblies are arranged on the other side of the base plate.

With respect to claim 6, Iida discloses common electronics 78 for both printing mechanism.

With respect to claim 8, Iida discloses a housing as shown in Figure 6 of Iida and outlet slots 5 and 6 for allowing the strip-like mediums 87 and 88 to exit.

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With respect to claim 9, no further structure of the printer module has been recited in this claim, therefore this claim is rejected along with its parent claim, claim 8.

With respect to claim 10, Iida discloses an input keyboard 4 mounted on the housing a certain distance away from a weighing platform 2 as shown in Figure 6 of Iida.

With respect to claim 11, Iida discloses that the two outlet slots 5 and 6 are located close to the input keyboard 4 as shown in Figure 6.

With respect to claim 12, Iida discloses a visual display device 4a mounted on the input keyboard 4 as shown in Figure 6.

### *Claim Rejections - 35 USC § 103*

7. Claim 7 is rejected under 35 U.S.C. 103(a) as being unpatentable over Iida (JP 6-11382) as applied to claim 6 above, and further in view of Bouverie et al. (US 2004/0126173).

Iida discloses the claimed printer module except for the circuit board. However, Bouverie et al. teaches a printer module with a circuit board 164 positioned on a side of a base plate 34 and extending parallel to the base plate as shown in Figure 2 of Bouverie et al. It would have been obvious to combine the teaching of Bouverie et al. with the printing module disclosed by Iida for the advantage of locating all the circuitry of the printing module on one easy to install and remove unit through printer opening 166 as shown in Figure 2 of Bouverie et al.

8. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Iida (US 5,397,190) is cited to show another example of a printer used in a shop

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scale. Komori and Endo are cited to show other examples of printer modules with two print heads.

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Daniel J. Colilla whose telephone number is 571-272-2157. The examiner can normally be reached on M-F 7:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Andrew Hirshfeld can be reached on 571-272-2168. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

September 26, 2005



Daniel J. Colilla  
Primary Examiner  
Art Unit 2854